



Attorney's Docket No. S1022.80495US00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Tomas Nordstrom et al.  
Serial No.: 09/736,790  
Conf. No.: 6611  
Filing Date: December 14, 2000  
For: DSL TRANSMISSION SYSTEM WITH FAR-END CROSSTALK  
COMPENSATION

Examiner: Emmanuel Bayard  
Art Unit: 2631

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 14th day of March, 2005.

  
James H. Morris, Reg. No. : 34,681

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Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

REMARKS

In response to the Office Action mailed 09/14/2004, Applicants respectfully request reconsideration. Claims 1-27 and 29-34 were rejected under 35 U.S.C. §103(a) as being unpatentable over Cherubini et al. (U.S. 6,665,349 B1) in view of Dowling (U.S. 6,597,745). Applicants respectfully traverse this rejection.

A. Discussion of Cited References

Cherubini is directed to a filtered multitone transmission (FMT) system with an application to DSL technologies. FMT is a technique derived from discrete multitone transmission (DMT) in which data is transmitted over a plurality of sub-channels. In DMT, data is modulated by a plurality of carriers of different frequencies. An FMT system modifies the

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